

RCRA EMERGENCY CONTINGENCY PLAN  
BURNS COLD FORGE

-4-

US EPA RECORDS CENTER REGION 5



532200

SECTION I

General Information

The Burns Cold Forge Company, a division of Masco Corporation is situated in Minerva, Ohio, 20 miles Southeast of Canton. The 200,000 square foot facility contains more than forty speciality presses with up to 2500 ton forging capacity. Burns produces thousands of precision cold and warm forgings each day for dozens of industrial application, including truck transmissions, car and tank differentials and tractor components.

Figure 1 (p 4) is a plant site map showing the location of storage tanks, process chemicals, waste storage, telephones, fire extinguishers, sprinklers, first aid stations and emergency response equipments. Details on process chemicals, hazardous wastes, and storage tanks are given in Appendix A. Hazardous wastes generated at Burns are stored in Areas 1 and 2 (figure 1). These materials include spent zinc phosphate bath, alkaline cleaner and alkaline cleaner sludges. The storage area is an inside location with no nearby floor drains.

Figure 2 (p. 6) is a platt map showing the property owners surrounding Burns Cold Forge with Figure 3 (p. 7) being a Department of the Interior USGS topographical map of the Minerva area.

The chief operating officer and the primary Emergency Coordinator at Burns Cold Forge is J. William Mills.

PROCESS CHEMICALS

<u>TRADE NAME</u>	<u>VENDOR</u>	<u>CHEMICAL NAME (TYPE)</u>	<u>DESCRIPTION</u>	<u>STORAGE LOCATION</u>	<u>TYPE OF CONTAINER</u>	<u>UNIT OF MEASURE</u>	<u>CONTAINER SIZE</u>	<u>AVERAGE NUMBER OF CONTAINERS</u>	<u>ESTIMATED ANNUAL CONSUMPTION</u>
Chartersol 300	Charter Chemicals	Petroleum Hydrocarbons		15	Tank	gal	500	1	1000 gal
Solvent No. 3812	Brulin & Company	Chlorinated Solvent		14	Drum	Gal	55	2	12
Daco-Sol	Damon Chemical	Hydrochloric acid		16	Bottle	oz	quart	24	60
Winterfect I	Damon Chemical	Disinfectant		16	Bottle	oz	quart	24	60
SSS Boro Cleaner	Damon Chemical	Powdered soap		16	Drum	lb	400 lb	1	4
ICE-FOE	Damon Chemical	Ice melter		16	Drum	lb	120	2	6
SF-77	Damon Chemical	Solvent cleaner		16	Bottle	oz	quart	24	48
WO 147A	Acheson Colloids	Graphite in water		8	Drum	lb	400 lb	12	48
TK12698	Acheson Colloids	Non pigmented Lubricant		8	Drum	lb	400 lb	6	24
Freiborne additive #1	Freiborne Industries	Organic salt solution		5	Drum	lb	400 lb	4	26
Formcoat 1A	Freiborne Industries	phosphate coating concentrate		3	Tank	gal	1000	1	4000
Formcoat 1B	Freiborne Industries	phosphate coating concentrate		4	Tank	gal	1000	1	4000
Freidox 2	Freiborne Industries	Oxidant		5	Pail	gal	5	1	2

PROCESS CHEMICALS

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Parco cleaner 2078	Parker Div. Oxy Metal			5	Tote	lb	3000	2	24
Formlube 1	Freiborne Industries	Reactive Lubricant		5	Drum	lb	250	10	60
Freiborne Neutralizer 5	Freiborne Industries	Neutralizer		5	Drum	lb	500	2	12
No. 8 Lubricant PT 01440	Fisk Brothers Refinining		Grease	14	Drum	gal	55	4	16/yr
Aluannia EP-1 #71031	Shell Oil Company		Grease	14	Drum	gal	55	3	6/yr
Valvoline #810	Ashland Chem. Co.		Oil	14	Drum	gal	55	4	8/yr
Tellus 22 SW 1-1223	Shell Oil		Grease	14	Drum	gal	55	4	8/yr
Valvoline Anti-freeze It3192	Ashland Oil Company		Anti-freeze	14	Drum	gal	55	2	3/yr
MP Gear Lub	Union Oil Company		Gear Lube	14	Drum	gal	55	3	12/yr
Marvel Mystery Oil	Marvel Oil Company		Top Cyl. Lube	14	Drum	gal	55	1	1/yr

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UNAX-RX	Union Oil		Light Hyd Oil	14	Drum	Gal	55	8	24/yr
Dexron II D-3347	BP Oil Co.		Transmission Fluid	14	Drum	Gal	55	2	4/yr
Brulin	Brulin & Co.		Degreasing Fluid	14	Drum	Gal	55	3	10/yr

TDD F5-8709-067 0H0624

Case Number 9309

Site Name Burns Cold Forge

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SHOULD IT VALUE	None
EFFECTS OF OVEREXPOSURE	
EMERGENCY AND FIRST AID PROCEDURES	

SECTION VI REACTIVITY DATA			
STABILITY <b>Excellent</b>	UNSTABLE		CONDITIONS TO AVOID
	STABLE		
INCOMPATIBILITY (MATERIALS TO AVOID)			
HAZARDOUS DECOMPOSITION PRODUCTS			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

SECTION VII SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN, IN CASE MATERIAL IS RELEASED OR SPILLED	
Flush with water	
WASTE DISPOSAL METHOD	Sewerage

SECTION VIII SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (SPECIFY TYPE) None		
PROTECTIVE GLOVES	None	EYE PROTECTION If desired
VENTILATION  None	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL)	OTHER
OTHER PROTECTIVE EQUIPMENT		

SECTION IX SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Keep in cool place	
OTHER PRECAUTIONS	

HAZARDOUS WASTES GENERATED

<u>DESCRIPTION</u>	<u>DOT HAZARD CLASS</u>	<u>EPA HAZ. WST. NO.</u>	<u>CONTAINER LOCATION</u>	<u>TYPE OF CONTAINER</u>	<u>VOLUME</u>	<u>AVERAGE NO. OF CONTAINERS</u>	<u>ANNUAL GENERATION</u>	<u>DISPOSAL FACILITY</u>
Spent Zinc Phosphate Bath	02	D002	1	Steel tank @ grade	2200 gal	6	305,900 lbs	Chem-Clear Inc. OHD000724153
Spent Alkaline Cleaner Sludge	02	D002	2	Steel hopper @ grade	1.5 yds <sup>3</sup>	12	99,000 lbs	Alchemtron Inc. OHD077786309
Spent Alkaline Cleaner	02	D002	2	Steel hopper@ grade	1.5 yds <sup>3</sup>	12	1,800,000 lbs	Alchemtron Inc. OHD077786309